

## CHAPTER 5

### CONTINUATION TRAINING

This chapter outlines the tasks and aircraft flight hours that all crew members must complete to support the unit's METL. TC 1-210 lists the requirements for maintaining RL 1. The required performance standards are specified in Chapters 6 and 7 of this manual.

#### 5-1. TRAINING REQUIREMENTS

a. **Semiannual Flying-Hour Requirements (Aircraft).** The minimum requirements for a crew member are as follows:

##### (1) **Aviator.**

(a) **FAC 1** --40 hours observation, or 55 hours aerostation, which must be flown from the aviator's designated crew station(s).

(b) **FAC 2** --30 hours, all of which must be flown from the aviator's designated crew station(s).

(c) **FAC 3** --not applicable due to the lack of a compatible flight simulator for the OH-58A/C and the OH-6 (per TC 1-210).

**NOTE 1:** The OH-58A/C and OH-6 do not have compatible simulators; therefore, the aviator must fly three hours of hood semiannually. The aviator may be required to fly additional hours of hood at the direction of the commander.

**NOTE 2:** Regardless of their crew position, UTs and evaluators may credit those hours they fly while performing their assigned duties toward their semiannual flying-hour requirements. Copilot time will not suffice for the FAC 1 and 2 flying-hour requirements.

(2) **AO/AFSO.** The minimum flying-hour requirement is 35 hours, all of which must be flown as a crew member in the left seat. A minimum of 15 hours will be emergency aircraft handling flight training. All emergency aircraft handling flight training will be conducted by a UT/IP/SP or a battle-rostered PC. The AO/AFSO will receive 1.5 hours of training every 45 days in emergency aircraft handling tasks. Emergency aircraft handling tasks do not have to be performed every 45 days to maintain currency as long as the annual iteration requirements are met. Training in emergency aircraft handling may be conducted at night or under NVG if an IP/SP is at one set of the flight controls.

An AO/AFSO who fails to maintain the 45-day hands-on currency will be suspended from performing AO duties until he successfully completes a proficiency flight evaluation. This evaluation will be administered by an IP/SP and will include all AO/AFSO hands-on tasks.

**b. Annual Task and Iteration Requirements.** The minimum requirements are as follows:

(1) One iteration of all base tasks during the day and one iteration of mandatory NVG tasks as indicated in Figure 5-1 or 5-2. (Mandatory NVG tasks are indicated by an X in the appropriate column of Figures 5-1 and 5-2.) Night unaided iteration requirements are stated in paragraph 5-3.

(2) In addition to the required minimum annual tasks and iterations, MPs will perform annually a minimum of four iterations of the MTF mission tasks listed in Figure 5-4 and/or Figure 5-5. MEs will perform a minimum of two iterations from each flight crew station annually. Each MTF mission task listed is mandatory for an MTF standardization evaluation. Personnel who are required to perform MTF duties in an additional or alternate aircraft will perform four iterations of the required tasks in each additional/alternate aircraft.

(3) Any iteration requirements for mission tasks listed in Figure 5-3 as determined by the commander.

(4) Any iteration requirements for additional tasks established by the commander.

(5) One iteration of those tasks which are mandatory during NBC training as listed in paragraph 5-4.

**NOTE 1:** To meet annual task and iteration requirements, crew members must perform day, night, and NVG task iterations separately. During an evaluation, an iteration performed in a more demanding mode of flight may suffice for an iteration performed in a less demanding mode of flight. The commander determines which mode of flight is more demanding.

**NOTE 2:** The requirement to perform instrument tasks in additional aircraft, in category, will be at the discretion of the commander.

**NOTE 3:** Tasks identified with an or between the S and the I columns may be evaluated during either or both evaluations.

(6) AO/AFSOs are not required to conduct a run-on landing every 45 days as described in Task 1028, Perform VMC Approach, or Task 1078, Perform Unusual Attitude Recovery. These tasks are only required to be evaluated annually or as directed by the commander.

<u>Number</u>	<u>Title</u>	<u>S</u>	<u>I</u>	<u>NVG</u>
1000	Conduct a crew mission briefing	X	X	X
1001	Plan a VFR flight	X		
1002	Plan an IFR flight		X	
1003	Prepare/validate DD Form 365-4 (Weight and Balance Clearance Form F--Tactical/Transport)	X		
1004	Prepare DA Form 4887-R (RW Performance Planning Card)	X	X	
1005	Perform preflight inspection	X		
1007	Perform engine-start, run-up, hover, and before-takeoff/landing checks and after-landing tasks	X		X
1016	Perform hover power check	X	X	X
1017	Perform hovering flight	X	X	X
1018	Perform a normal takeoff	X		X
1022	Perform traffic pattern flight			
1023	Perform fuel management procedures	X	X	X
1024+	Perform emergency procedures for an actual or a simulated NVG failure			X
1025	Navigate by pilotage and dead reckoning			X
1028	Perform VMC approach	X		X
1032	Perform slope operations	X		X
1033	Perform terrain flight mission planning	X		X
1034	Perform terrain flight takeoff	X		X
1035	Perform terrain flight	X		X

Legend:

S--tasks that are mandatory for standardization flight evaluation.

I--tasks that are mandatory for instrument flight evaluation.

NVG--tasks that must be evaluated at night while the crew member is wearing the NVG.

+--tasks that apply only to those crew members who are maintaining NVG currency or are in NVG-designated positions.

\*--This maneuver is authorized only during initial aircraft qualification and for IPs/SPs designated to conduct touchdown emergency procedures. This maneuver is a required APART evaluation maneuver for those IPs/SPs designated to conduct touchdown emergency procedures training. Emergency procedures training criteria outlined in AR 95-1 must be met before this maneuver is performed.

**Figure 5-1. Aviator base task list**

<u>Number</u>	<u>Title</u>	<u>S</u>	<u>I</u>	<u>NVG</u>
1036	Perform hover OGE check	X		X
1037	Perform NOE deceleration	X		X
1038	Perform terrain flight approach	X		X
1050	Perform hovering autorotation	X		
1052	Perform simulated engine failure, IGE hover			
1053	Perform simulated engine failure at altitude	X or X		
1057*	Perform simulated hydraulic system malfunction	X		
1066*	Perform standard autorotation	X		
1067	Perform aerial observation	X		X
1068	Perform or describe emergency procedures	X		X
1072*	Perform low-level autorotation	X		
1073*	Perform low-level and low-airspeed autorotation	X		
1074*	Perform standard autorotation with turn	X		
1075	Perform instrument takeoff			
1076	Perform radio navigation		X	
1077	Perform holding procedures			
1078	Perform unusual attitude recovery	X or X		
1079	Perform radio communication procedures		X	
1080	Perform procedures for two-way radio failure		X	
1081	Perform nonprecision approach		X	
1082	Perform precision approach		X	
1083	Perform or describe inadvertent IMC procedures/VHIRP	X or X		X
1090	Perform masking and unmasking	X		X
1091	Perform tactical communication procedures and electronic counter-countermeasures	X		
1092	Transmit a tactical report	X		
1093	Perform techniques of movement			
1094	Identify major US or allied equipment and major threat equipment	X		
1095	Operate aircraft survivability equipment	X		
1096	Perform actions on contact	X		
1097	Negotiate wire obstacles	X		X
1099	Operate Mark XII IFF system	X		
1151*	Perform simulated antitorque malfunction (fixed-pedal setting)	X		

Figure 5-1. Aviator base task list (continued)

<u>Number</u>	<u>Title</u>	<u>S</u>	<u>NVG</u>
1005	Perform preflight inspection	X	
1007	Perform engine-start, run-up, hover, and before-takeoff/landing checks and after-landing tasks	X	X
1011*	Perform straight-and-level flight	X	
1012*	Perform turns, climbs, and descents	X	
1017*	Perform hovering flight	X	
1018*	Perform a normal takeoff	X	
1023	Perform fuel management procedures	X	X
1024+	Perform emergency procedures for actual or simulated NVG failure		X
1025	Navigate by pilotage and dead reckoning	X	X
1028*	Perform VMC approach	X	
1033	Perform terrain flight mission planning	X	X
1035	Perform terrain flight	X	X
1067	Perform aerial observation	X	X
1068	Perform or describe emergency procedures	X	X
1076	Perform radio navigation		
1078*	Perform unusual attitude recovery	X	
1079	Perform radio communication procedures	X	
1080	Perform procedures for two-way radio failure		
1081	Perform nonprecision approach		
1082	Perform precision approach		
1083	Perform or describe inadvertent IMC procedures/VHIRP	X	X

Legend:

S--tasks that are mandatory for standardization flight evaluation.

NVG--tasks that must be evaluated at night while the AO or AFSO is wearing the NVG.

+--tasks that apply only to those crew members who are maintaining NVG currency or are in NVG-designated positions.

\*--Denotes "emergency aircraft handling tasks." The AO will perform P\* duties. The run-on landing technique as described in Task 1028, Perform VMC Approach, and Task 1078, Perform Unusual Attitude Recovery, is to be performed with a UT/IP/SP only. Training in emergency aircraft handling may be conducted at night and under NVG if an IP/SP is at one set of the flight controls.

Figure 5-2. Aeroscout observer base task list

<u>Number</u>	<u>Title</u>	<u>S</u>	<u>NVG</u>
1090	Perform masking and unmasking	X	X
1091	Perform tactical communication procedures and electronic counter- countermeasures	X	
1092	Transmit a tactical report	X	
1094	Identify major US or allied equipment and major threat equipment	X	
1095	Operate aircraft survivability equipment	X	
1096	Perform actions on contact		
1097	Negotiate wire obstacles	X	
1099	Operate Mark XII IFF System	X	

Figure 5-2. Aeroscout observer base task list (continued)

<u>Number</u>	<u>Title</u>
2004*	Perform pinnacle or ridgeline operation
2005	Perform FM radio homing
2008	Perform evasive maneuvers
2009	Perform multi-aircraft operations
2018	Reconnoiter and recommend an LZ or a PZ
2019	Perform a route reconnaissance
2020	Call for and adjust indirect fire
2023**	Perform installation and loading of weapons

\*--Aviator task only.  
 \*\*--ATAS task.

**NOTE 1:** Commanders may choose the appropriate mission tasks for each duty position.  
**NOTE 2:** If the commander designates one of the ATAS tasks, he must designate all of the ATAS tasks. Crew members designated to operate the ATAS system will demonstrate proficiency during the APART. Crew members maintaining NVG currency or those in NVG-designated positions will demonstrate their proficiency while wearing the NVG. The commander will determine whether this evaluation is conducted during the APART or during the NVG annual evaluation.  
**NOTE 3:** An IP/SP will train and evaluate the aviator/AO before the aviator/AO operates the ATAS under the NVG.

Figure 5-3. Crew member mission task list

<u>Number</u>	<u>Title</u>
2024**	Perform a preflight inspection of weapon systems
2031**	Engage target with the ATAS
2034**	Safe and clear weapon systems
2040	Select a combat position
2054	Perform target handover to an attack helicopter
2061	Reconnoiter and recommend a holding area
2063	Perform a security mission
2064	Perform an aerial radiological survey
2066	Perform a zone reconnaissance
2067	Perform an area reconnaissance

**Figure 5-3. Crew member mission task list (continued)**

<u>Number</u>	<u>Title</u>
2700	Perform prior-to-maintenance-test-flight checks
2702	Perform before-starting engine checks
2704	Perform starting engine checks
2706	Perform engine run-up checks
2708	Perform baseline and normal engine health indicator test
2710	Perform before-takeoff check
2712	Perform takeoff to a hover
2714	Perform hover power check
2716	Perform hovering turns
2718	Perform sideward flight
2720	Perform forward hovering flight
2722	Perform pylon isolation mount check
2724	Perform power cylinder check
2726	Perform engine response check
2728	Perform takeoff and climb check
2730	Perform control rigging check
2732	Perform autorotation RPM check
2734	Perform engine performance check
2736	Perform hydraulics-off check
2738	Perform flight instruments check
2740	Perform communication and navigation equipment checks
2742	Perform after-landing and engine-shutdown checks
2744	Perform special/detailed procedures

**Figure 5-4. OH-58A/C MP mission task list**

<u>Number</u>	<u>Title</u>
2770	Perform prior-to-maintenance-test-flight checks
2771	Perform before-starting engine checks
2772	Perform starting engine checks
2773	Perform engine run-up checks
2774	Perform baseline and normal engine health indicator test
2775	Perform before-takeoff check
2776	Perform takeoff to a hover
2777	Perform hovering turns
2778	Perform sideward flight
2779	Perform forward hovering flight
2780	Perform engine response check
2781	Perform low RPM hover
2783	Perform takeoff and climb check
2784	Perform control rigging check
2785	Perform autorotation RPM check
2786	Perform engine performance check
2788	Perform collective bungee check
2789	Perform flight instruments check
2790	Perform communication and navigation equipment checks
2791	Perform before-landing checks
2792	Perform after-landing checks
2793	Perform engine-out/reignition check
2794	Perform engine-shutdown checks
2795	Perform special/detailed procedures

**Figure 5-5. OH-6 MP mission task list**

## 5-2. NVG CURRENCY REQUIREMENTS

a. To be considered NVG current, the crew member must participate every 45 consecutive days in a one-hour flight from a crew position with access to the flight controls at night in the aircraft while wearing NVG.

b. A crew member whose currency has lapsed must complete, as a minimum, a one-hour NVG proficiency evaluation. The evaluation will be given by an NVG IP/SP at night in the aircraft with the crew member having access to the flight controls. The tasks that will be evaluated are listed below.

(1) Task 1017, Perform hovering flight.

(2) Task 1018, Perform a normal takeoff.

(3) Task 1024, Perform emergency procedures for actual or simulated NVG failure.

(4) Task 1028, Perform VMC approach.

(5) Task 1032, Perform slope operations.

(6) Task 1068, Perform or describe emergency procedures.

(7) Task 1083, Perform or describe inadvertent IMC procedures/VHIRP.

c. An AO/AFSO whose currency has lapsed must complete a one-hour NVG proficiency evaluation given at night by an NVG IP/SP. He must occupy the left seat while satisfying this requirement. Minimum tasks to be evaluated are listed below.

(1) Task 1007, Perform engine-start, run-up, hover, and before-takeoff/landing checks and after-landing tasks.

(2) Task 1023, Perform fuel management procedures.

(3) Task 1024, Perform emergency procedures for actual or simulated NVG failure.

(4) Task 1025, Navigate by pilotage and dead reckoning.

(5) Task 1033, Perform terrain flight mission planning.

(6) Task 1035, Perform terrain flight.

(7) Task 1068, Perform or describe emergency procedures.

(8) Task 1083, Perform or describe inadvertent IMC procedures/VHIRP.

(9) Task 1090, Perform masking and unmasking.

### 5-3. NIGHT UNAIDED TRAINING REQUIREMENTS

Annual night unaided training is mandatory for all crew members. The following tasks will be evaluated during refresher/qualification training; a minimum of one iteration of each of the tasks will be performed annually. The commander may designate any of the following tasks for evaluation during the APART period.

**a. Aviator.**

- (1) Task 1000, Conduct crew mission briefing.
- (2) Task 1005, Perform preflight inspection.
- (3) Task 1007, Perform engine-start, run-up, hover, and before-landing/takeoff checks and after-landing tasks.
- (4) Task 1016, Perform hover power check.
- (5) Task 1017, Perform hovering flight.
- (6) Task 1018, Perform a normal takeoff.
- (7) Task 1022, Perform traffic pattern flight.
- (8) Task 1023, Perform fuel management procedures.
- (9) Task 1025, Navigate by pilotage and dead reckoning.
- (10) Task 1028, Perform VMC approach.
- (11) Task 1032, Perform slope operations.
- (12) Task 1068, Perform or describe emergency procedures.

**b. AO/AFSO.**

- (1) Task 1005, Perform preflight inspection.
- (2) Task 1007, Perform engine-start, run-up, hover, and before-takeoff/landing checks and after-landing tasks.
- (3) Task 1023, Perform fuel management procedures.
- (4) Task 1025, Navigate by pilotage and dead reckoning.

**5-4. ANNUAL NBC TRAINING REQUIREMENTS**

**a.** Annual NBC training is mandatory for all FAC 1 positions and for those FAC 2 positions selected by the commander. Crew members must wear MOPP4 gear during NBC training.

**b.** Crew members will receive NBC training in the base tasks listed below and will perform at least one iteration annually. The commander may also select mission/additional tasks based on the unit's mission.

**(1) Aviator.**

(a) Task 1005, Perform preflight inspection.

(b) Task 1007, Perform engine-start, run-up, hover, and before-takeoff/landing checks and after-landing tasks.

(c) Task 1016, Perform hover power check.

(d) Task 1034, Perform terrain flight takeoff.

(e) Task 1035, Perform terrain flight.

(f) Task 1037, Perform NOE deceleration.

(g) Task 1038, Perform terrain flight approach.

**(2) AO.**

(a) Task 1005, Perform preflight inspection.

(b) Task 1007, Perform engine-start, run-up, hover, and before-takeoff/landing checks and after-landing tasks.

(c) Task 1035, Perform terrain flight.

c. While conducting NBC training, the commander will ensure that--

(1) Aircrews use extra care when performing flight duties or training when the wet bulb globe temperature is above 75 degrees Fahrenheit.

(2) A qualified and current aviator, not wearing protective mask, gloves, or NBC boots, is at one set of the flight controls at all times.

(3) Aircrews do not receive emergency procedures training in flight while wearing MOPP4 gear.

(4) NBC training is coordinated closely with the local flight surgeon.

**5-5. AEROSCOUT OBSERVER EMERGENCY AIRCRAFT HANDLING PROCEDURES**

As part of his 35-hour minimum semiannual flying-hour requirement, the AO/AFSO must receive, every 45 days, a 1.5-hour training flight in emergency aircraft handling procedures. This

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training flight will be conducted by a UT/IP/SP or a battle-rostered PC and will include the following tasks:

- a. Task 1011, Perform straight-and-level flight.
- b. Task 1012, Perform turns, climbs, and descents.
- c. Task 1017, Perform hovering flight.
- d. Task 1018, Perform a normal takeoff.
- e. Task 1028, Perform VMC approach.
- f. Task 1078, Perform unusual attitude recovery.

**NOTE 1:** The run-on landing technique as described in Task 1028, Perform VMC approach, and Task 1078, Perform unusual attitude recovery, is to be performed with a UT/IP/SP only.

**NOTE 2:** Training in emergency aircraft handling may be conducted at night and under NVG if an IP\SP is at one set of the flight controls.